ABSTRACT OF THE DISCLOSURE

The present invention provide a resistance welding method for solving the problem of breakage of the welded portion by corrosion of an iron-copper alloy layer having a poor corrosion resistance formed at the welding portion, when a first metallic member comprising an iron-based metal is joined to a second metallic member comprising a copper based metal, wherein the problem above is solved by forming a nickel film on at least one surface of the first metallic member comprising the iron-based metal and the second metallic member comprising the copper-based metal to be joined, and by applying resistance welding while the first metallic member is made to butt against the second metallic member, thereby forming the first alloy layer containing nickel, copper and iron at the side of the first metallic member, and the second alloy layer containing nickel and copper at the side of the second metallic member to allow the alloy layers to exhibit an excellent corrosion resistance.